

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 33 | bluetooth same (voice audio vocal) same (authentication and identification) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 11:03 |
| L2 | 2 | "6,324,648".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/25 11:04 |
| L3 | 368 | bluetooth with authentication | US-PGPUB; USPAT | OR | ON | 2006/09/25 11:04 |
| L4 | 11 | bluetooth with authentication with (voice audio vocal) | US-PGPUB; USPAT | OR | ON | 2006/09/25 12:04 |
| L5 | 26 | fourier with transform with (vertex vertexes vertices) | US-PGPUB; USPAT | OR | ON | 2006/09/25 12:05 |
| L6 | 1 | fourier with transform with (vertex vertexes vertices) and onedimensional | US-PGPUB; USPAT | OR | ON | 2006/09/25 12:48 |
| L7 | 99 | ("5448045" "6115513" "6188802" "20030050009" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "7010692" "20030070072" "20040156385" "20040223619" "20040235452" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235" "4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845" "4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735" "5288978" "5289397" "5293576" "5296949").pn. | US-PGPUB; USPAT | OR | ON | 2006/09/25 12:56 |
| L8 | 2 | ("6718172" "20020129264").pn. | US-PGPUB; USPAT | OR | ON | 2006/09/25 13:16 |
| L9 | 1 | "20030065918".pn. | US-PGPUB; USPAT | OR | ON | 2006/09/25 13:39 |
| L23 | 340 | 713/169.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:08 |
| L24 | 340 | 713/169.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:08 |
| L25 | 716 | 713/155.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:10 |
| L26 | 35 | ("20010037197" "20010044896" "20010052858" "20010056349" "20020077910" "20020115044" "20020129264" "20020147653" "20030069844" "20030080869" "20040025047" "20040128519" "4653097" "4653097" "5465401" "5636464" "6192255" "6324271" "6366622" "6430395" "6601029" "6614352" "6633761" "6650888" "6662163" "6711381" "6718172" "6738457" "6766160" "6772331" "6782260" "6868385" "6882973" "6937977" "6963759" "6978127").PN. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:10 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| L27 | 19 | (US-20010037197-\$ or US-20020115044-\$ or US-20030080869-\$ or US-20010052858-\$ or US-20020077910-\$ or US-20020147653-\$ or US-20030065918-\$).did. or (US-6766160-\$ or US-6738457-\$ or US-6662163-\$ or US-6963759-\$ or US-6937977-\$ or US-6882973-\$ or US-6601029-\$ or US-5758021-\$ or US-6978127-\$ or US-5918066-\$ or US-6868385-\$ or US-6614352-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:10 |
| L28 | 3 | L27 not L26 | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:11 |
| L29 | 3 | (US-20030065918-\$).did. or (US-5758021-\$ or US-5918066-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/09/25 15:11 |
| S1 | 338 | (voice or audio or sound) adj authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:24 |
| S2 | 38 | (voice or audio or sound) adj authentication and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 05:36 |
| S3 | 300 | S1 not S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:05 |
| S4 | 200 | ("5448045" "6115513" "6188802" "6366622" "6633761" "6772331" "6836814" "6886095" "6891807" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "6430395" "6748244" "6766160" "6782260" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235").pn. ("4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845" "4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:46 |
| S5 | 1818 | bluetooth same voice | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:46 |
| S6 | 59 | bluetooth same voice and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:56 |
| S7 | 43 | bluetooth same audio and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:58 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S8 | 1069 | authentication same (voice audio sound spoken) and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:59 |
| S9 | 612 | authentication with (voice audio sound spoken) and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:59 |
| S10 | 209 | device same authentication with (voice audio sound spoken) and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/22 07:59 |
| S11 | 38 | (voice or audio or sound) adj authentication and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:31 |
| S12 | 5 | "960509".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:34 |
| S13 | 1512 | device adj authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:34 |
| S14 | 17397 | device with authenticat\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:34 |
| S15 | 6217 | device with authenticat\$6 with user | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:34 |
| S16 | 753 | device with authenticat\$6 with (voice or sound or spoken or audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 06:35 |
| S17 | 150 | device with authenticat\$6 with (voice or sound or spoken or audio) | USPAT | OR | ON | 2005/05/23 06:44 |
| S18 | 9501 | voice with recognition | USPAT | OR | ON | 2005/05/23 06:45 |
| S19 | 311 | voice with recognition and ("713"/\$.ccls. or "380"/\$.ccls.) | USPAT | OR | ON | 2005/05/23 06:57 |
| S20 | 0 | "voice.detd" with recognition and ("713"/\$.ccls. or "380"/\$.ccls.) | USPAT | OR | ON | 2005/05/23 06:58 |
| S21 | 262 | voice.detd. with recognition and ("713"/\$.ccls. or "380"/\$.ccls.) | USPAT | OR | ON | 2005/05/23 07:08 |
| S22 | 539 | spoken same identification same (name or code) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 07:09 |

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|-----|-------|--|---|----|----|------------------|
| S23 | 246 | spoken with identification same (name or code) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 07:09 |
| S24 | 187 | spoken with identification with (name or code) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 07:40 |
| S25 | 300 | join\$6 with network same (voice or spoken) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 07:40 |
| S26 | 102 | join\$6 with network with (voice or spoken) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 07:57 |
| S27 | 9501 | voice with recognition | USPAT | OR | ON | 2005/05/23 07:58 |
| S28 | 7290 | voice adj recognition | USPAT | OR | ON | 2005/05/23 07:58 |
| S29 | 99 | ("5448045" "6115513" "6188802" "6366622" "6633761" "6772331" "6836814" "6886095" "6891807" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "6430395" "6748244" "6766160" "6782260" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235").pn. ("4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845" "4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735").pn. | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:02 |
| S30 | 13959 | bluetooth | US-PGPUB; USPAT | OR | ON | 2005/05/23 08:00 |
| S31 | 3256 | bluetooth with lin\$7 | US-PGPUB; USPAT | OR | ON | 2005/05/23 08:01 |
| S32 | 125 | bluetooth with join\$7 | US-PGPUB; USPAT | OR | ON | 2005/05/23 08:03 |
| S33 | 10 | bluetooth with join\$7 | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 08:05 |
| S34 | 9 | bluetooth and (detect\$6 with device with host) and (authentica\$6 with device with wireless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 08:06 |
| S35 | 22213 | ad\$1hoc adhoc ad-hoc piconet bluetooth blue-tooth blue\$1tooth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 06:57 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S36 | 341 | (audio voice spoken sound) adj authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 06:57 |
| S37 | 17 | S35 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 06:59 |
| S38 | 3650 | S35 and authentication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:00 |
| S39 | 1 | S35 and authentication and initalization | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:01 |
| S40 | 2405 | S35 and authentication and (initalization or configuration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:01 |
| S41 | 360 | S35 and authentication and (initalization or configuration) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:01 |
| S42 | 49 | ("5448045" "6115513" "6188802" "6366622" "6633761" "6772331" "6836814" "6886095" "6891807" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "6430395" "6748244" "6766160" "6782260" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235").pn. ("4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845" "4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735").pn. and bluetooth | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:03 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S43 | 99 | ("5448045" "6115513" "6188802" "6366622" "6633761" "6772331" "6836814" "6886095" "6891807" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "6430395" "6748244" "6766160" "6782260" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235").pn. ("4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845" "4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735").pn. | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:03 |
| S44 | 10 | S43 and bluetooth | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:21 |
| S45 | 47 | voice adj authentication same wireless | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:26 |
| S46 | 2 | audio adj authentication same wireless | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:27 |
| S47 | 0 | sound adj authentication same wireless | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:27 |
| S48 | 2 | spoken with authentication same wireless | US-PGPUB; USPAT | OR | ON | 2005/05/24 07:56 |
| S49 | 607 | device adj signature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:57 |
| S50 | 310 | device adj signature and (authentica\$6 or verif\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:57 |
| S51 | 225 | device adj signature and (authentica\$6 or verif\$6) and network | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 07:57 |
| S52 | 137 | device adj signature and (authentica\$6 or verif\$6) and network and (voice spoken audio sound) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 08:07 |
| S53 | 39 | device adj signature same(voice spoken audio sound) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 08:08 |
| S54 | 39 | device adj signature same (voice spoken audio sound) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 08:40 |
| S55 | 257 | device adj signature | USPAT | OR | ON | 2005/05/24 08:46 |

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|------|------|---|---|----|----|------------------|
| S56 | 53 | device adj signature and ("380"/\$.ccls. or "713"/\$.ccls.) | USPAT | OR | ON | 2005/05/24 08:46 |
| S57 | 1 | device adj signature and ("380"/\$.ccls. or "713"/\$.ccls.) | JPO | OR | ON | 2005/05/24 08:53 |
| S58 | 48 | device adj signature | EPO; JPO | OR | ON | 2005/05/24 08:53 |
| S59 | 945 | bluetooth | EPO; JPO | OR | ON | 2005/05/24 08:48 |
| S60 | 29 | bluetooth and authentication | EPO; JPO | OR | ON | 2005/05/24 08:52 |
| S61 | 2528 | bluetooth and authentication | US-PGPUB | OR | ON | 2005/05/24 08:52 |
| S62 | 214 | device adj signature | US-PGPUB | OR | ON | 2005/05/24 08:53 |
| S63 | 79 | device adj signature and ("380"/\$.ccls. or "713"/\$.ccls.) | US-PGPUB | OR | ON | 2005/05/24 09:00 |
| S64 | 0 | "6484257".pn. | US-PGPUB | OR | ON | 2005/05/24 09:01 |
| S65 | 1 | "6484257".pn. | US-PGPUB; USPAT | OR | ON | 2005/05/24 09:01 |
| S68 | 5 | ("5602536" "5897598" "6175922" "5815557" "6038666").pn. | US-PGPUB; USPAT | OR | ON | 2005/05/24 09:36 |
| S69 | 370 | service adj discovery adj protocol | US-PGPUB; USPAT | OR | ON | 2005/05/24 09:36 |
| S70 | 70 | service adj discovery adj protocol | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 09:43 |
| S71 | 285 | service adj discovery adj protocol and bluetooth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 09:44 |
| S72 | 45 | service adj discovery adj protocol and bluetooth | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 09:57 |
| S73 | 128 | service adj discovery adj protocol and bluetooth with specification | US-PGPUB | OR | ON | 2005/05/24 10:04 |
| S80 | 24 | mcdonagh.in. | EPO | OR | ON | 2005/05/24 13:06 |
| S81 | 44 | danilov.in. | EPO | OR | ON | 2005/05/24 13:06 |
| S82 | 0 | danilov.in. and communication.ti. | EPO | OR | ON | 2005/05/24 13:06 |
| S83 | 16 | danilov.in. and communication.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 13:17 |
| S84 | 249 | PCT | EPO | OR | ON | 2005/05/24 13:37 |
| S96 | 68 | authentication adj2 switch | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:31 |
| S97 | 804 | authentication with switch | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:31 |
| S98 | 213 | authentication with switch and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:31 |
| S99 | 70 | authentication with switch and ("713"/\$.ccls. or "380"/\$.ccls.) | USPAT | OR | ON | 2005/05/24 15:31 |
| S100 | 52 | authentication.detd. with switch and ("713"/\$.ccls. or "380"/\$.ccls.) | USPAT | OR | ON | 2005/05/24 15:34 |
| S101 | 13 | authentication.detd. adj2 switch and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:35 |
| S102 | 27 | switch adj2 authentication.detd. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:37 |
| S103 | 172 | chang\$6 adj2 authentication.detd. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:41 |
| S104 | 79 | pin same biometric same password same authentication.detd. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:41 |

EAST Search History

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|----------|-------|---|----------------------------|----|----|------------------|
| S10 5 | 8 | (chang\$6 switch\$6) same pin same biometric same password same authentication.detd. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:43 |
| S10 6 | 499 | (chang\$6 switch\$6) same authentication.detd. same (method technique) and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:47 |
| S10 7 | 392 | dynamic same authentication same methods | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:49 |
| S10 8 | 50 | dynamic adj3 authentication same methods | US-PGPUB; USPAT | OR | ON | 2005/05/24 15:49 |
| S10 9 | 0 | "6782260".pn. and dynamic | US-PGPUB; USPAT | OR | ON | 2006/04/07 13:18 |
| S11 0 | 709 | different adj authentication | US-PGPUB; USPAT | OR | ON | 2005/05/24 16:02 |
| S11 1 | 131 | different adj authentication adj3 (method scheme technique) | US-PGPUB; USPAT | OR | ON | 2005/05/24 16:02 |
| S11 3 | 11251 | detect\$ with wireless | US-PGPUB; USPAT | OR | ON | 2005/07/01 12:38 |
| S11 4 | 1865 | detect\$ with wireless and (blue\$1tooth blue adj tooth) | US-PGPUB; USPAT | OR | ON | 2005/07/01 12:38 |
| S11 5 | 334 | detect\$ with wireless same (blue\$1tooth blue adj tooth) | US-PGPUB; USPAT | OR | ON | 2005/07/01 12:38 |
| S11 8 | 45 | (US-20010044896-\$ or US-20010056349-\$ or US-20020109580-\$ or US-20020131387-\$ or US-20020178385-\$ or US-20020194500-\$ or US-20030023444-\$ or US-20030037004-\$ or US-20030069844-\$ or US-20030135740-\$ or US-20030221011-\$ or US-20040025047-\$ or US-20040128519-\$ or US-20050010815-\$).did. or (US-4653097-\$ or US-5465401-\$ or US-5636464-\$ or US-5875401-\$ or US-6038666-\$ or US-6192255-\$ or US-6324271-\$ or US-6366622-\$ or US-6430395-\$ or US-6463415-\$ or US-6487301-\$ or US-6493551-\$ or US-6496107-\$ or US-6516058-\$ or US-6633761-\$ or US-6650888-\$ or US-6711381-\$ or US-6718172-\$ or US-6725050-\$ or US-6741852-\$ or US-6748195-\$ or US-6748244-\$ or US-6766160-\$ or US-6772331-\$ or US-6782080-\$ or US-6782260-\$).did. or (US-6785542-\$ or US-6785748-\$ or US-6792007-\$ or US-6886095-\$).did. or (EP-1146692-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2005/07/01 12:40 |
| S12 2 | 3832 | detect\$ same (audio voice) same (authenticat\$ identifica\$) | US-PGPUB; USPAT | OR | ON | 2005/07/01 13:58 |
| S12 3 | 1904 | detect\$ with (audio voice) same (authenticat\$ identifica\$) | US-PGPUB; USPAT | OR | ON | 2005/07/01 13:58 |
| S12 4 | 1110 | detect\$ with (audio voice) with (authenticat\$ identifica\$) | US-PGPUB; USPAT | OR | ON | 2005/07/01 13:59 |
| S12 5 | 114 | detect\$ with (audio voice) with (authenticat\$ identifica\$) and ("713"/\$.ccls. "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/07/01 14:00 |
| S12 6 | 1 | detect\$ with (audio adj source voice adj source) with (authenticat\$ identifica\$) and ("713"/\$.ccls. "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/07/01 14:01 |
| S12 7 | 13689 | (voice audio) with (authentication identification) | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:47 |
| S12 8 | 13689 | (voice audio) with (authentication identification) | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:48 |
| S12 9 | 1723 | (voice audio) with (authentication identification) and speech adj recognition | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:48 |
| S13 0 | 795 | (voice audio) with (authentication identification) and speech adj recognition and configuration | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:48 |
| S13 1 | 732 | (voice audio) with (authentication identification) and speech adj recognition and configuration and network | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:48 |
| S13 2 | 224 | network same (voice audio) with (authentication identification) and speech adj recognition and configuration | US-PGPUB; USPAT | OR | ON | 2006/01/06 15:49 |
| S13 3 | 224 | (network same ((voice audio) with (authentication identification))) and speech adj recognition and configuration | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:18 |

EAST Search History

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|----------|------|--|---|----|----|------------------|
| S13 4 | 1256 | network same voice with configuration | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:18 |
| S13 5 | 0 | network same voice with configuration same authenticatio | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:18 |
| S13 6 | 33 | network same voice with configuration same authentication | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:22 |
| S13 7 | 21 | network same voice with configuration same speech adj recognition | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:25 |
| S13 8 | 3694 | biometric same (audio voice) | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:25 |
| S13 9 | 965 | biometric same (audio voice) same authentication | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:25 |
| S14 0 | 0 | biometric same (audio voice) same authentication and @ad<"2002" | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:26 |
| S14 1 | 368 | biometric same (audio voice) same authentication and @ay<"2002" | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:38 |
| S14 2 | 88 | speak same computer same configuration | US-PGPUB; USPAT | OR | ON | 2006/01/06 16:38 |
| S14 3 | 20 | ("20010044896" "20010056349" "20020129264" "20030069844 " "20040025047" "20040128519" "4653097" "5465401" "563646 4" "6192255" "6324271" "6366622" "6430395" "6633761" "6650 888" "6711381" "6718172" "6766160" "6772331" "6782260"). PN. | US-PGPUB; USPAT | OR | ON | 2006/01/06 17:21 |
| S14 4 | 28 | (voice or audio or sound) adj authentication and bluetooth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/07 13:13 |
| S14 5 | 2 | "20030120925".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/07 13:13 |
| S14 6 | 1 | "6782260".pn. | USPAT | OR | ON | 2006/04/07 13:19 |
| S14 7 | 1 | "6766160".pn. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:04 |
| S14 8 | 20 | ("20010044896" "20010056349" "20020129264" "20030069844 " "20040025047" "20040128519" "4653097" "5465401" "563646 4" "6192255" "6324271" "6366622" "6430395" "6633761" "6650 888" "6711381" "6718172" "6766160" "6772331" "6782260"). PN. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:23 |
| S14 9 | 18 | (US-20010037197-\$ or US-20020115044-\$ or US-20030080869-\$ or US-20020147653-\$ or US-20020077910-\$ or US-20010052858-\$).did. or (US-6963759-\$ or US-6937977-\$ or US-6882973-\$ or US-6601029-\$ or US-5758021-\$ or US-6738457-\$ or US-6662163-\$ or US-6978127-\$ or US-5918066-\$ or US-6868385-\$ or US-6614352-\$ or US-6766160-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:23 |
| S15 0 | 17 | S149 not S148 | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:23 |
| S15 1 | 17 | (US-20010037197-\$ or US-20010052858-\$ or US-20020077910-\$ or US-20020115044-\$ or US-20020147653-\$ or US-20030080869-\$).did. or (US-5758021-\$ or US-5918066-\$ or US-6601029-\$ or US-6614352-\$ or US-6662163-\$ or US-6738457-\$ or US-6868385-\$ or US-6882973-\$ or US-6937977-\$ or US-6963759-\$ or US-6978127-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:23 |

EAST Search History

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|----------|-----|--|--------------------|----|----|------------------|
| S15 2 | 99 | ("5448045" "6115513" "6188802" "5673318" "5757913" "5839063" "6229883" "6377691" "6377955" "6631275" "6798782" "6094214" "4849613" "4949379" "5311596" "5499296" "5623552" "5742756" "5768382" "5796840" "5970143" "6020827" "6055638" "6065120" "6134431" "6148405" "6185546" "6188895" "6218932" "6218932" "6233608" "6259790" "3602643" "4159468" "4304961" "4314097" "4369332" "4405829" "4472627" "4475235" "4513437" "4523087" "4546213" "4548220" "4567370" "4582986" "4590470" "4601011" "4630201" "4630845").pn. ("4760599" "4761543" "4775784" "4783798" "4805223" "4811393" "4824144" "4838404" "4852155" "4866771" "4888801" "4897789" "4897875" "4910775" "4924515" "4935962" "4941173" "4943093" "4956863" "4969189" "4985921" "4997288" "5001752" "5008936" "5014311" "5016277" "5020105" "5022076" "5178418" "5180901" "5182770" "5189700" "5195626" "5199744" "5210795" "5225664" "5229764" "5265164" "5267315" "5276735" "5288978" "5289397" "5293576" "5296949" "5313564" "5321242" "5325419" "5345506" "5353350" "5355413").pn. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:58 |
| S15 3 | 300 | 713/169.ccls. | US-PGPUB; USPAT | OR | ON | 2006/04/07 15:58 |